7604. In English, on paper (watermarked 1814); written in 1816 by Edward Osler: 6 × 3¾ in., 10 leaves.

'Surgery by Astley Cooper delivered at the Theatre St. Thomas' Hospital in the Course commencing October 8th, 1816. No. 1. 4 lectures, 1816, on Surgery in General, Irritation & Inflammation.' Signed 'E. Osler' on fol. 1. Notes of three lectures only. Foll. 9–10 are blank.

Bound with no. 7605, at foll. i–ii of which are notes by W. O., including a pr. extract from Guy's Hosp. Gaz., 1911, vol. 25, p. 277, 'Sir Astley Cooper's case of ligature of the abdominal aorta', signed William Osler, and quoting the letter mentioned in the last note to no. 7603.

See also no. 7532.

~~NN.4.24~~ A, B.
NA.2

Phantom
7534
at beg. 30

7605 = A
7604 = B

FROM
THE LIBRARY
OF
SIR WILLIAM OSLER, BART.
OXFORD

Edward OSLER (1798-1883)

Indenture, 1811, apprenticing sir Wm.'s uncle to a surgeon at Falmouth.

Also his notes on the lectures of Cooper and Travers at St. Thomas's, 1816-17; and photo of his eye-witness report of the ligation of the abdominal aorta.

Esq M D containing lecture 10th continued, 11th & 12th on wounds of arteries, wounds of veins, wounds of nerves, wounds of absorbents.' Foll. i-ii : see no. 7604.

7604. In English, on paper (watermarked 1814) ; written in 1816 by Edward Osler : 6 ×

SIR WILLIAM OSLER, BART.
OXFORD

Photograph inserted 1953
in 7534 at fol. 30

The original letter I gave
framed to Wells Library
& group Historical 15.VIII.17

THIRD EXAMINATION FOR MEDICAL AND SURGICAL DEGREES.

EASTER TERM, 1911.

PART I.—PHARMACOLOGY AND GENERAL PATHOLOGY.

Examined and approved.

Garrett, G. W. B. | Heaton, R.

Jarvie, J. M.

PART II.—SURGERY, MIDWIFERY AND MEDICINE.

Examined and approved.

The following have now satisfied the Examiners in all three sections:—

Depree, H. T. | Sandison, A.

Webster, V. T. F.

EXAMINATION FOR THE DEGREE OF M.C.

EASTER TERM, 1911.

Examined and approved.

Chapple, H. | Crook, A. H.

7605. In English, on paper (watermarked 1814): written in 1817 by Edward Osler: $6\frac{3}{8} \times 3\frac{7}{8}$ in., iii + 16 leaves: no. 7604 is bound at the end.

'1817. E. Osler. Surgery by B. Travers Esq M D containing lecture 10th continued, 11th & 12th on wounds of arteries, wounds of veins, wounds of nerves, wounds of absorbents.' Foll. i–ii: see no. 7604.

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SIR WILLIAM OSLER, BART.
OXFORD

Photostat inserted 1953
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St Guy's Hospital 15.VIII.17

Sir Astley Cooper's Case of Ligature of the Abdominal Aorta.

In looking over some letters of my uncle, Edward Osler, a student at the United Hospitals in 1816–18, I came across the following first-hand account of Sir Astley Cooper's famous case of ligature of the aorta, which is, I think, worth printing:—

"London, July 5th, 1817. ——, aged about 40, has a very large tumor on the upper and outer part of the left thigh. It projects considerably from immediately below the crural arch; it is very hard, immoveable, without any pulsation and rather of a more livid colour than healthy parts. It is not circumscribed, but gradually blended with the surrounding parts, and has an unequal knobby feel. It began about twelve months ago and has been gradually increasing. From the size, the situation, and from no pulsation being felt at the femoral artery, no doubt was entertained that it was an aneurysm of the external iliac artery very high up. Cooper thought of tying the common iliac, but I believe was afraid. I mentioned that I could indistinctly feel the descending branch of the external circumflex, and it is probable I was correct, as one of the branches probably formed a large anastomosis with one of the vessels of the pelvis. Towards the end of May every part was very hard except one spot, which was soft and fluctuating like an abscess. About the middle of June a line of ulceration began to appear, which extended, and at last formed an eschar as large as a crown piece. On the 24th of June (Tuesday) Cooper saw him. After he had looked at him he sat by his bedside for a few minutes buried in thought, without speaking to anyone. At last he started up with a smile (you know his look!), 'I'll do it, but I'll wait for hæmorrhage.' He had not long to wait. On Wednesday afternoon the patient lost eighteen ounces of blood, and Cooper was sent for. He had taken a subject in the dead-house and operated on it through the abdomen and from the side (for the iliac). The first he found easy, the other utterly impracticable. The patient was brought to the theatre and Cooper made an incision immediately above Poupart's ligament, just large enough to introduce his finger that it might plug the wound. His object was to find the mouth of the artery and thus command the hæmorrhage, and then cut down on it and secure it. He found, however, that the artery was ulcerated higher than he could reach, and that the common iliac itself was affected. He therefore had a plug to fit the wound, which he introduced on withdrawing his finger. He now determined to put a ligature on the aorta. He made a longitudinal incision, about 2½ inches long, on the left side of the umbilicus, about an inch from the linea alba, cutting through the rectus. He introduced his finger, and pushing the intestines away felt for the aorta, tore through the mesocolon with his finger, separated the artery, and, looking round, said, 'Gentlemen, I have the pleasure of informing you that the aorta is now hooked up on my finger.' An aneurismal needle was now carried down under the vessel, and it was tied with facility. The operation indeed was by no means difficult or tedious. The ligature was left hanging out at the wound, which was united by the quilled suture. A dose of tinct. opii. was administered and he had a good night. On Thursday he was very cheerful and sanguine in his hopes of recovery. Both limbs were nearly of the natural temperature; he had no affection of the head or pain in the abdomen. Even Mr. Cooper and Mr. Travers had very great hopes of him, as the circulation was evidently affected in the inferior extremities. His pulse was above 110, of natural strength, and there was no throbbing of the carotids. When I went to see him on Friday morning, after writing you, a great change had taken place. His pulse was above 120 and weak, not at all thready, but above the natural fulness and very soft and feeble, as if the artery were not half full of blood. His face was pale and contracted, his eyes dull and heavy, and he seldom opened them; his left leg was cold, as were his extremities. He had passed a restless night and had slept very little. At one o'clock he died."

Erichsen's comment may be quoted:—"It is impossible not to comtemplate with admiration the man whose mind was the first to conceive, and whose hand was the first to carry out, the determination to apply a ligature to the abdominal aorta."

WILLIAM OSLER.

Oxford, June 24th, 1911.

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SIR WILLIAM OSLER, BART.
OXFORD

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Sir Astl
Ligat

IN look... Edward Osle... pitals in 181... first-hand a... famous case... I think, wort...

"London, ... 40, has a ve... outer part of... siderably fro... arch; it is v... pulsation an... than healthy... but graduall... parts, and h... began about... gradually in... situation, an... the femoral... that it was... artery very h... the common... mentioned... descending... and it is pr... branches pu... with one o... the end o... except one... like an abs... line of ul... extended, a... as a crow... (Tuesday)... looked at h... minutes bu... anyone. ... (you know... wait for h... wait. On... lost eight... was sent h... dead-hous... abdomen a...

Appointments.

Medical School Appointments

The following appointments and reappointmen... been made by the Treasurer upon the recommen... of a Staff Meeting :—

MEDICAL SCHOOL.

Medical Registrars.—Messrs. Rippmann and Hunt.

Surgical Registrar.—Mr. Bromley.

Obstetric Assistant.—Mr. Chapple.

Demonstrator of Operative Surgery.—Mr. Layt...

Demonstrators of Anatomy.—Messrs. R. Davies and J. G. Saner.

Demonstrators of Physiology.—Messrs. Kennaw... Ryffel.

Demonstrators of Chemistry.—Messrs. Ball and ... man.

Demonstrator of Biology.—Mr. Reed.

Clinical Analyst to the Wards.—Mr. Ryffel.

Ophthalmic Assistants.—Messrs. Anderson and ...

Anæsthetists.—Messrs. Shipway, Page, Davies and Townrow.

Anæsthetist to Bright Ward.—Mr. Layton.

Junior Assistant Bacteriologist.—Mr. Browning

Resident Medical Officer in Bright Ward.—... Dunderdale.

DENTAL SCHOOL.

Demonstrators of Practical Dentistry with Ch... Revision Classes.—Messrs. Malleson and Doubled...

Demonstrators of Practical Dentistry with Ch... Probationary Classes.—Messrs. Edgar and Hodgs...

Demonstrator of Operative Dentistry.—Mr. Chap...

Demonstrators of Prosthetic Dentistry.—Messrs. ... and Tomes.

Demonstrators of Dental Microscopy.—Messrs. D... and Kennaway.

Curator of Dental Museum.—Mr. E. B. Dowset...

Military.

The undermentioned Captain, R.A.M. Corps, ... Major, dated 4th June, 1911 :—Chas. R. Evans.

Captain H. C. Keats, I.M.S., has been appointe... Surgeon at Jullundur, Punjab.

Civil.

C. F. Routh, M.D., B.S. Lond., D.P.H. Cam... been appointed Physician to the Portsmouth Ey... Ear Hospital.

ROYAL COLLEGE OF SURGEONS OF ENGLAND

R. Lawford Knaggs, M.D., F.R.C.S., has been e... on the Court of Examiners in one of the vacancies ... by the retirement of Mr. C. T. Dent and Sir F. Ev...

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Anæsthetist to Bright Ward.—Mr. Layton.
Junior Assistant Bacteriologist.—Mr. Browning.
Resident Medical Officer in Bright Ward.—Mr. G. Dunderdale.

DENTAL SCHOOL.

Demonstrators of Practical Dentistry with Charge of Revision Classes.—Messrs. Malleson and Doubleday.
Demonstrators of Practical Dentistry with Charge of Probationary Classes.—Messrs. Edgar and Hodgson.
Demonstrator of Operative Dentistry.—Mr. Chapman.
Demonstrators of Prosthetic Dentistry.—Messrs. Charles and Tomes.
Demonstrators of Dental Microscopy.—Messrs. Dowsett and Kennaway.
Curator of Dental Museum.—Mr. E. B. Dowsett.

Military.

The undermentioned Captain, R.A.M. Corps, to be Major, dated 4th June, 1911 :—Chas. R. Evans.

Captain H. C. Keats, I.M.S , has been appointed Civil Surgeon at Jullundur, Punjab.

Civil.

C. F. Routh, M.D., B.S. Lond., D.P.H. Camb., has been appointed Physician to the Portsmouth Eye and Ear Hospital.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.

R. Lawford Knaggs, M.D., F.R.C.S., has been elected on the Court of Examiners in one of the vacancies caused by the retirement of Mr. C. T. Dent and Sir F. Eve.

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EASTER TERM, 1911.

Examined and approved.

Chapple, H. | Crook, A. H.

DEGREES CONFERRED.

M.B., B.C.—Bromley, L.
M.D.—Palmer, A. S. M.

Royal College of Surgeons of England.

FINAL FELLOWSHIP EXAMINATION.

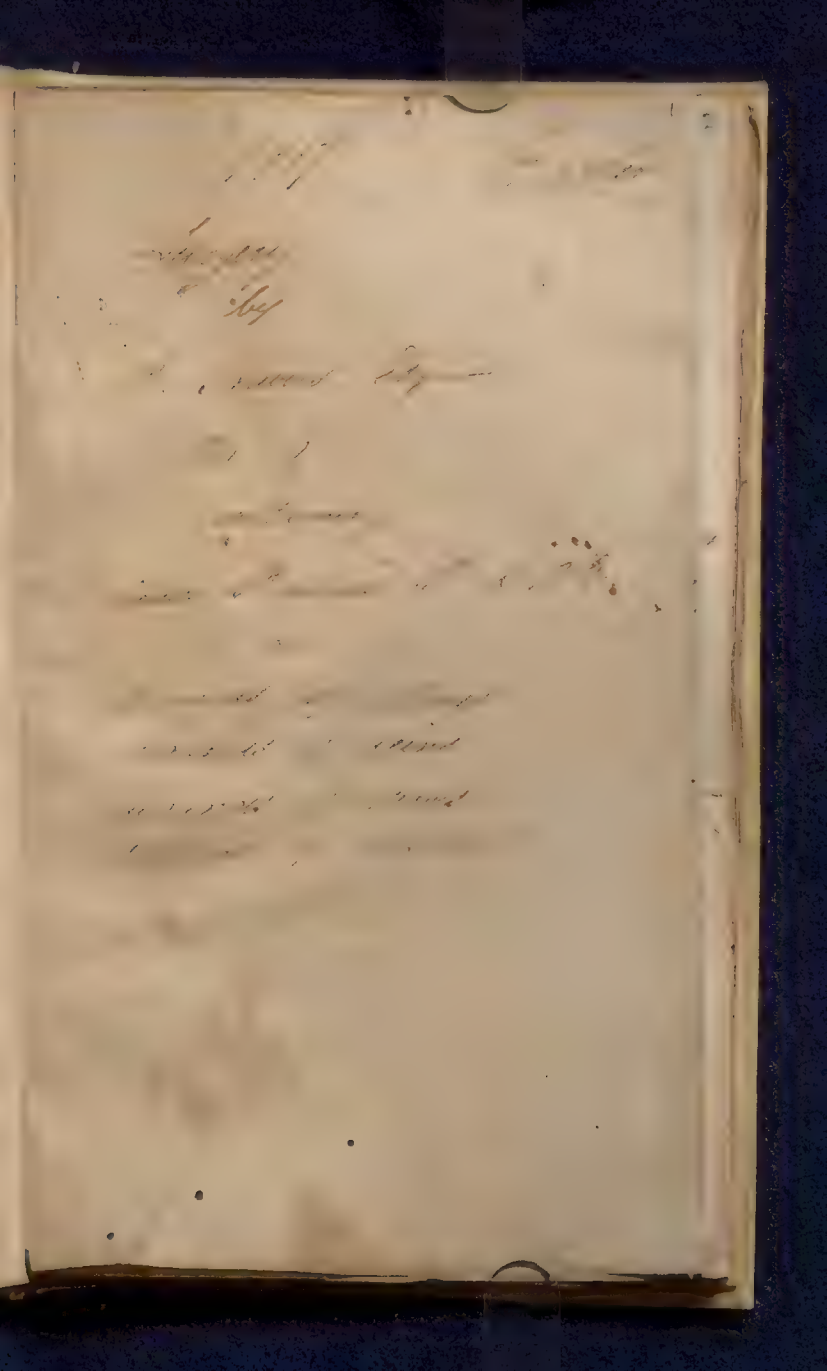
Janmahomed, H. I.—M.D.

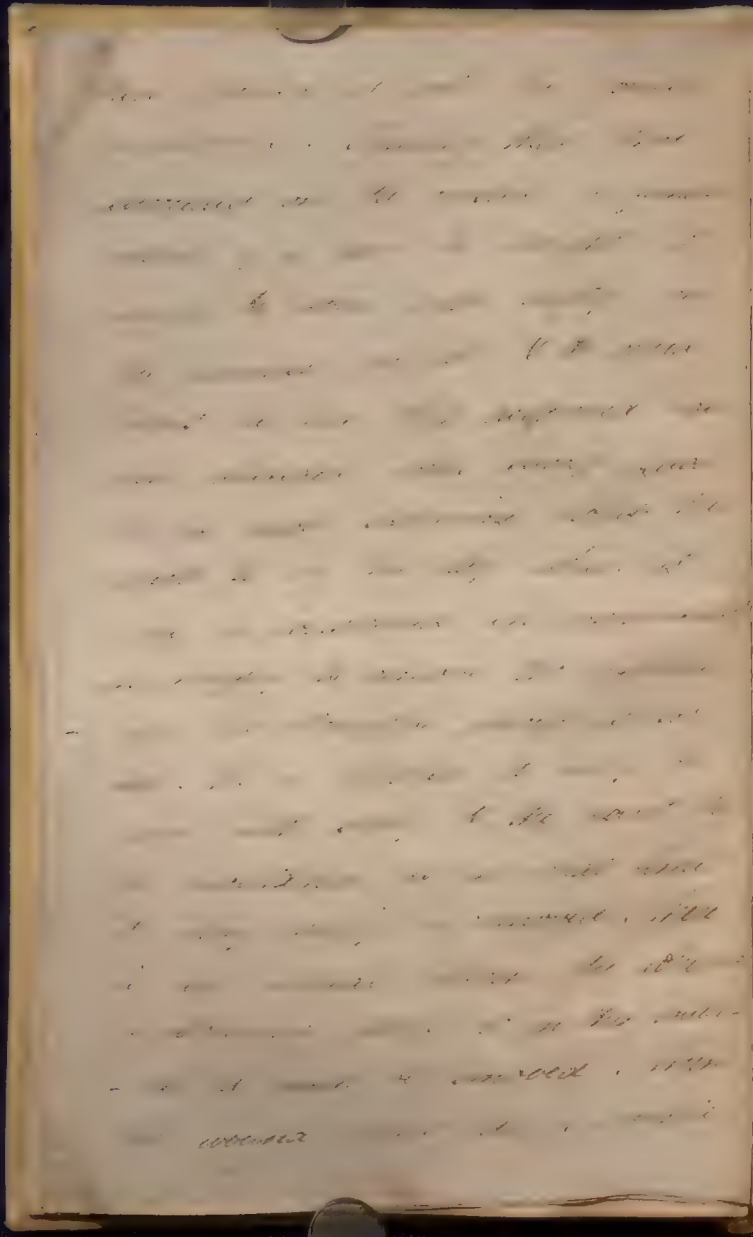
Royal College of Surgeons of Edinburgh.

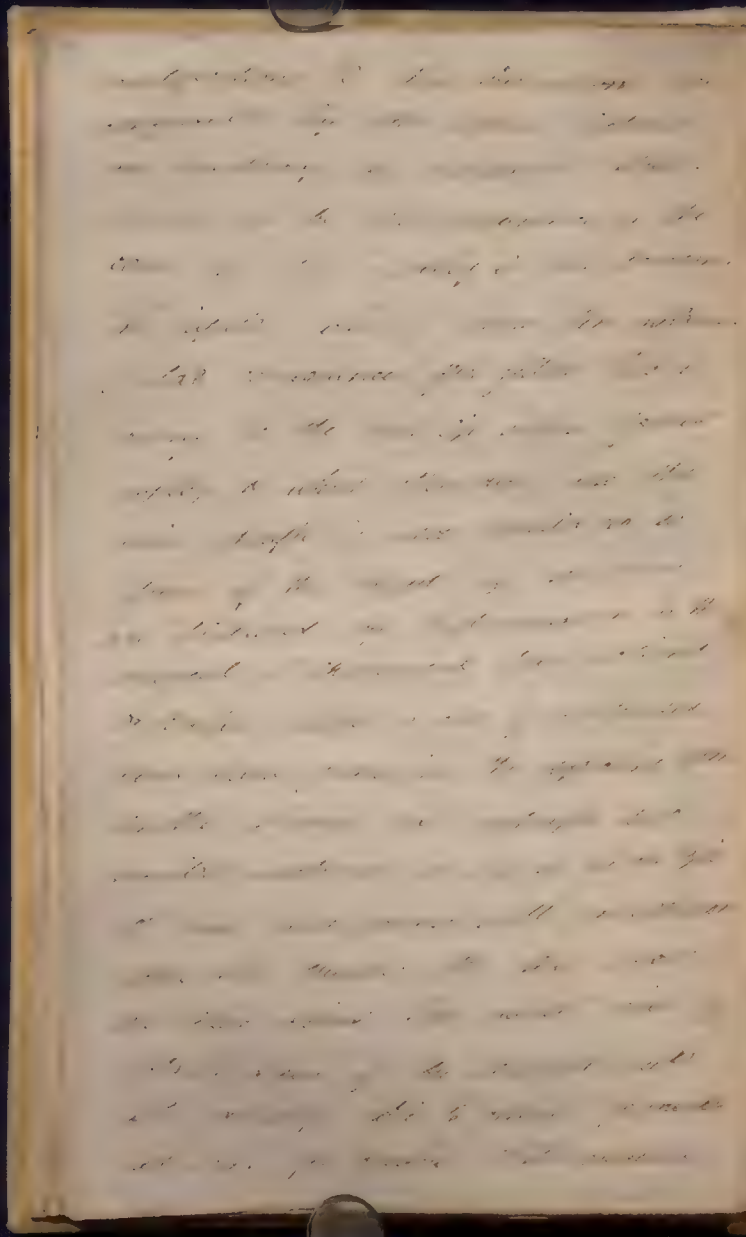
Admitted to the Fellowship : E. B. Hinde.

Society of Apothecaries of London.

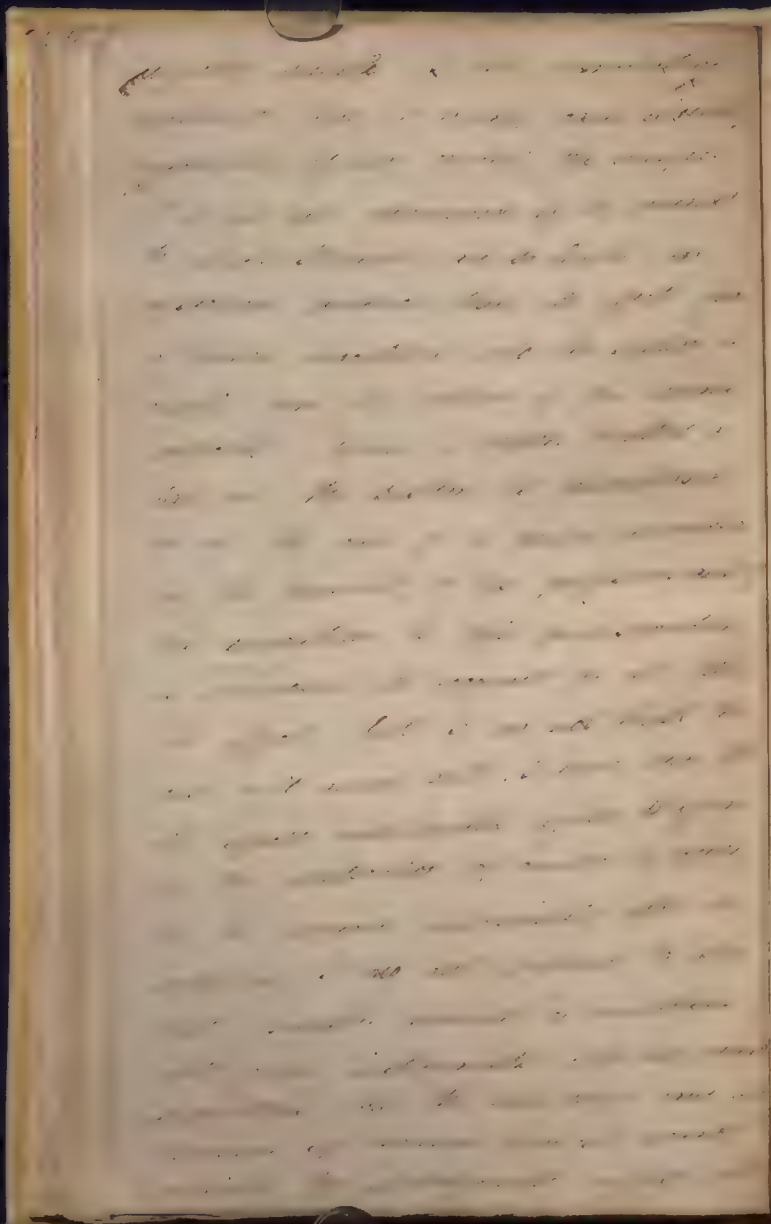
Medicine, Section I. : Edmeades, L. K.







[illegible] throw about on the [illegible]
& additional men are consequently [illegible]
[illegible] the particular [illegible] [illegible]
injuries following injuries are not
referable to Inflammation of the
internal viscera. The Patient [illegible]
[illegible] who had his sciatic nerve
[illegible] cut and the divided
[illegible] [illegible] [illegible]
[illegible] [illegible] of the viscera
or external parts of the body & no
[illegible] consequence has ensued from
severing of the parts that round
[illegible]. In many instances too
the functions of the parts were
[illegible] suspended at some distance
[illegible] [illegible] of the [illegible]
[illegible] [illegible] necessary & that
[illegible] [illegible] ought not to be severed
[illegible] [illegible] [illegible] be inflamed

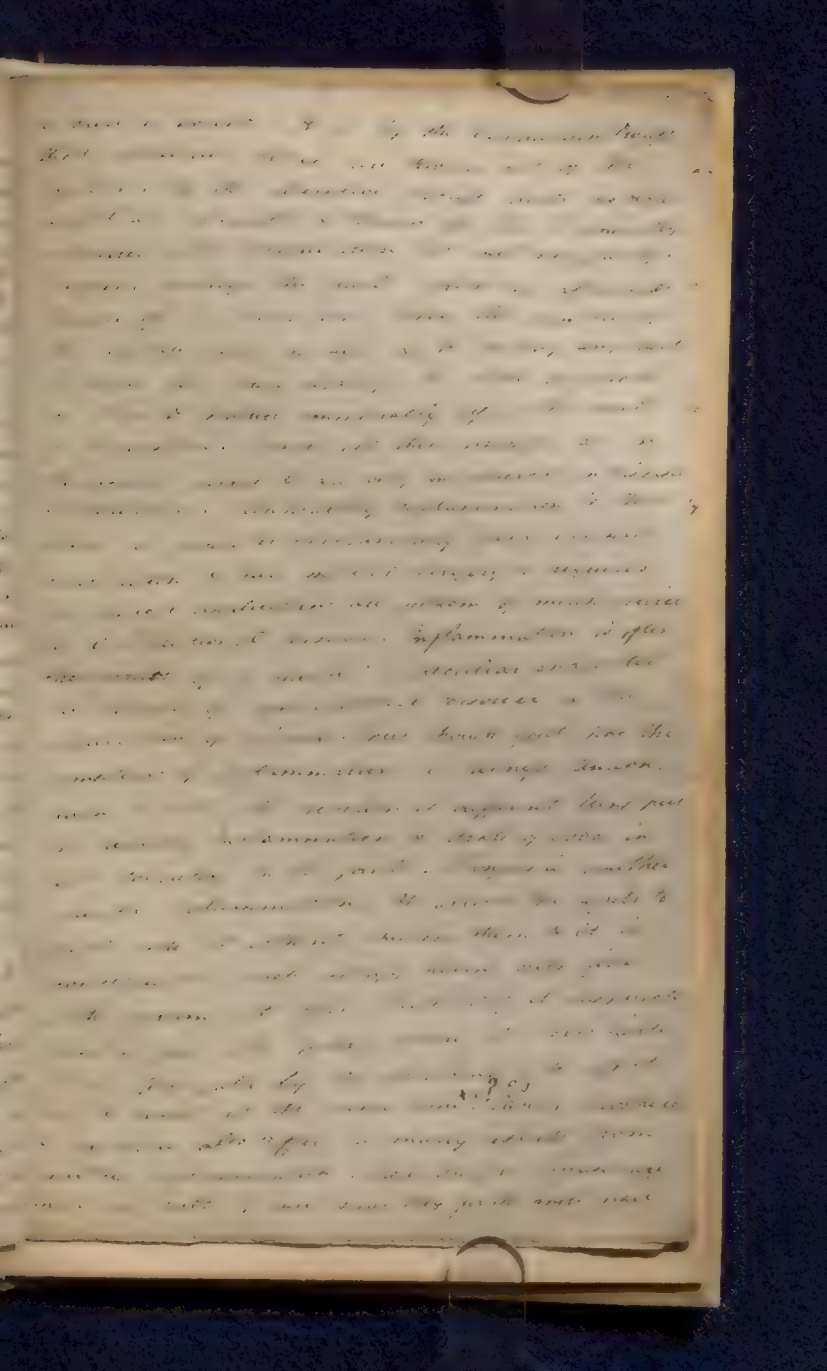


any risk such under the same circumstances you would not run. so necessary [illegible] part of an operation would only more quickly [illegible] requires a steady hand, a quick eye & great self possession it is generally the result of knowledge. Operate as quickly as possible compatible with safety but never hurry an operation. Tidi celeritis was the motto [illegible] adopted. Gentleness is indispensable to the surgeon. The studies necessary are Anatomy which enables us to discriminate as well as to operate. The bones the muscles connected with blood vessels of the abdomen [illegible] known as the Alphabet. The eye is also required as the basis of [illegible] Medicine & Physiology is required by all the [illegible] impossible entirely to separate them

Lecture

Dec 3rd [illegible]

any sort. Hence it occasionally happens that a
lover a patient from a disease or injury from which



[illegible] would increase the irritability of the hair & would
[illegible] by evaporation to some. Sweets of wine & lime
[illegible] are excellent application of this sort. Infusions
of Bark also are extremely useful. They should
be applied by layers of rags wetted with them
to the inflamed part which should be exposed
to the action of the air that evaporation may
go on freely. The best preparation of this kind
with which I [illegible] is made by adding to a pint
[illegible] are beneficial from their restoration
[illegible] from the inflamed part & not generally
from any specific action or virtues which
they may possess. The more simple in general
are applications are, the better some they
[illegible]

10
(mtts.)